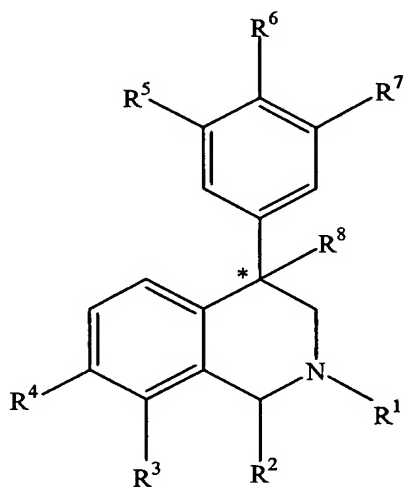


CLAIMS:

What is claimed is:

1. A method of treating chronic or neuropathic pain, treating or preventing
 5 migraine headache, or treating urge, stress or mixed urinary incontinence comprising
 administration of an effective amount of a compound of formula IA-IF having the
 following structure:



IA-IF

wherein:

10

the carbon atom designated * is in the R or S configuration;

- R^1 is C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 - C_6 cycloalkyl or C_4 - C_7
 cycloalkylalkyl, each of which is optionally substituted with 1 to 3 substituents
 15 independently selected at each occurrence thereof from C_1 - C_3 alkyl, halogen, aryl, -
 CN, $-OR^9$ and $-NR^9R^{10}$;

R^2 is H, C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 - C_6 cycloalkyl, C_4 - C_7
 cycloalkylalkyl or C_1 - C_6 haloalkyl;

20

R^3 is H, halogen, $-OR^{11}$, $-S(O)R^{12}$, $-S(O)_nNR^{11}R^{12}$, -CN, $-C(O)R^{12}$, $-C(O)NR^{11}R^{12}$,
 C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 - C_6 cycloalkyl, C_4 - C_7 cycloalkylalkyl, -
 O(phenyl) or -O(benzyl), wherein each of -O(phenyl) and -O(benzyl) is optionally
 substituted from 1 to 3 times with a substituent selected independently at each

- occurrence thereof from halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl, or C₁-C₄ alkoxy, or wherein R³ is a C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₃-C₆ cycloalkyl or C₄-C₇ cycloalkylalkyl group, then said group is optionally substituted with from 1 to 3 substituents selected independently at each occurrence thereof from C₁-C₃ alkyl,
- 5 halogen, aryl, -CN, -OR⁹ and -NR⁹R¹⁰;
- provided that for compounds of formula IA, R³ is C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₃-C₆ cycloalkyl or C₄-C₇ cycloalkylalkyl, each of which is optionally substituted with from 1 to 3 substituents selected independently at each occurrence thereof from C₁-C₃ alkyl, halogen, aryl, -CN, -OR⁹ and -NR⁹R¹⁰;
- 10 provided that for compounds of formula IB, R³ is - O(phenyl), -O(benzyl), -OC(O)R¹³ or -S(O)_nR¹², each of -O(phenyl) and -O(benzyl) is optionally substituted from 1 to 3 times with a substituent selected independently at each occurrence thereof from halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl, or C₁-C₄ alkoxy;
- 15 R⁴ is H, halogen, -OR¹¹, -S(O)_nR¹², -S(O)NR¹¹R¹², -CN, -C(O)R¹², -C(O)NR¹¹R¹², -NR¹¹R¹², C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₃-C₆ cycloalkyl, C₄-C₇ cycloalkylalkyl, O(phenyl) or -O(benzyl), wherein each of -O(phenyl) and -O(benzyl) is optionally substituted from 1 to 3 times with a substituent selected independently at each occurrence thereof from halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl or C₁-C₄ alkoxy and wherein R⁴ is a C₁-C₄ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₃-C₆ cycloalkyl or C₄-C₇ cycloalkylalkyl group, then said group is optionally substituted with from 1 to 3 substituents selected independently at each occurrence thereof from C₁-C₃ alkyl,
- 20 halogen, aryl, -CN, -OR⁹ and -NR⁹R¹⁰;
- provided that for compounds of formula IC, R₄ is C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₃-C₆ cycloalkyl, or C₄-C₇ cycloalkylalkyl, each of which is optionally substituted with from 1 to 3 substituents selected independently at each occurrence thereof from C₁-C₃ alkyl, halogen, aryl, -CN, -OR⁹ and -NR⁹R¹⁰, or R⁵ and R⁶ or R⁶ and R⁷ may be -O-C(R¹²)₂-O-; provided that for compounds of formula ID, R⁴ is - O(phenyl), -O(benzyl), -OC(O)R¹³, -NR¹¹R¹² or -S(O)_nR¹², each of -O(phenyl) and -
- 25 O(benzyl) is optionally substituted from 1 to 3 times with a substituent selected independently at each occurrence thereof from halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl, or C₁-C₄ alkoxy;
- 30

- R^5 , R^6 and R^7 in compounds of each of the formulae IA, IB, IC, ID, IE and IF are each independently H, halogen, $-OR^{11}$, $-S(O)_nR^{12}$, $-CN$, $-C(O)R^{12}$, $-NR^{11}R^{12}$, $-C(O)NR^{11}R^{12}$, $-NR^{11}C(O)R^{12}$, $-NR^{11}C(O)_2R^{12}$, $-NR^{11}C(O)NR^{12}R^{13}$, C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 - C_6 cycloalkyl or C_4 - C_7 cycloalkylalkyl, wherein each of R^5 , R^6 and R^7 is a C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 - C_6 cycloalkyl or C_4 - C_7 cycloalkylalkyl group, then said group is optionally substituted with from 1 to 3 substituents selected independently at each occurrence thereof from C_1 - C_3 alkyl, halogen, aryl, $-CN$, $-OR^9$ and $-NR^9R^{10}$, or R^5 and R^6 or R^6 and R^7 may be $-O-C(R^{12})_2-O-$;
- provided that for compounds of formula IE at least one of R^5 or R^7 is fluoro, chloro, or methyl;
- or R^7 and R^6 are each independently $-O-C(R^{12})_2-O-$ in compounds of the formulae IE, but only where R^2 is fluoro, chloro or methyl;
- or R^7 and R^6 can independently also be $-O-C(R^{12})_2-O-$ in compounds of the formulae IE, but only where R^7 is fluoro, chloro or methyl;
- R^8 is H, halogen, or OR^{11} , provided that for compounds of formula IF, R^8 is halogen; R^9 and R^{10} are each independently H, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, C_1 - C_4 alkoxyalkyl, C_3 - C_6 cycloalkyl, C_4 - C_7 cycloalkylalkyl, $-C(O)R^{13}$, phenyl or benzyl, where phenyl or benzyl is optionally substituted from 1 to 3 times with a substituent selected independently at each occurrence thereof from halogen, cyano, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, or C_1 - C_4 alkoxy;
- or R^9 and R^{10} are taken together with the nitrogen to which they are attached to form piperidine, pyrrolidine, piperazine, N-methylpiperazine, morpholine, or thiomorpholine;
- R^{11} is H, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, C_1 - C_4 alkoxyalkyl, C_3 - C_6 cycloalkyl, C_4 - C_7 cycloalkylalkyl, $-C(O)R^{13}$, phenyl or benzyl, where R^{11} is a C_1 - C_4 alkyl, phenyl or benzyl group, then said group is optionally substituted from 1 to 3 times with a substituent selected independently at each occurrence thereof from halogen, cyano, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, or C_1 - C_4 alkoxy;
- R^{12} is H, amino, C_1 - C_4 alkyl, $(C_1$ - C_4 alkyl)amino, C_1 - C_4 haloalkyl, C_1 - C_4 alkoxyalkyl, C_3 - C_6 cycloalkyl, C_4 - C_7 cycloalkylalkyl, phenyl or benzyl, where phenyl or benzyl is optionally substituted from 1 to 3 times with a substituent selected independently from halogen, cyano, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl and C_1 - C_6 alkoxy;

or R¹¹ and R¹² are taken together with the nitrogen to which they are attached to form piperidine, pyrrolidine, piperazine, N-methylpiperazine, morpholine, or thiomorpholine; provided that only one of R⁹ and R¹⁰ or R⁹ and R¹⁰ are taken together with the
 5 nitrogen to which they are attached to form piperidine, pyrrolidine, piperazine, N-methylpiperazine, morpholine, or thiomorpholine;

R¹³ is C₁-C₄ alkyl, C₁-C₄ haloalkyl or phenyl;

n is 0, 1, or 2, and;

10

aryl is phenyl which is optionally substituted 1-3 times with halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl and C₁-C₄ alkoxy,

or an oxide thereof, a pharmaceutically acceptable salt thereof, a solvate thereof, or
 15 prodrug thereof.

2. A method of claim 1, wherein R¹ is C₁-C₃ alkyl.

3. A method of claim 2, wherein R¹ is CH₃.

20

4. A method of claim 1, wherein R² is H, C₁-C₄ alkyl or C₁-C₆ haloalkyl.

5. A method of claim 4, wherein R² is H or CH₃.

25 6. A method of claim 1, wherein R³ is H or R³ is C₁-C₄ alkyl, C₃-C₆ cycloalkyl or C₄-C₇ cycloalkylalkyl, each of which is optionally substituted with from 1 to 3 substituents selected independently at each occurrence thereof from C₁-C₃ alkyl, halogen, aryl, -CN, -OR⁹ and NR⁹R¹⁰, or R³ is -O(phenyl) or -O(benzyl) optionally substituted from 1 to 3 times with a substituent selected independently at each
 30 occurrence thereof from halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl, or C₁-C₄ alkoxy.

7. A method of claim 6, wherein R³ is methyl, ethyl, propyl, or isopropyl.

8. A method of claim 6, wherein R^3 is -O(phenyl) or -O-CH₂-(phenyl), each of which is optionally substituted from 1 to 3 times with a substituent selected independently at each occurrence thereof from halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl, or C₁-C₄ alkoxy.
- 5
9. A method of claim 6, wherein R^3 is H.
10. A method of claim 1, wherein R^4 is H, or R^4 is -NR¹¹R¹² or R^4 is C₁-C₄ alkyl, C₃-C₆ cycloalkyl or C₄-C₇ cycloalkylalkyl, each of which is optionally substituted, or
10 wherein R^4 is -O(phenyl) or -O(benzyl), each of which is optionally substituted from 1 to 3 times with a substituent selected independently at each occurrence thereof from halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl, or C₁-C₄ alkoxy.
11. A method of claim 10, wherein R^4 is methyl, ethyl, propyl, or isopropyl.
- 15
12. A method of claim 10, wherein R^4 is -O(phenyl) or -O(CH₂)phenyl, each of which is optionally substituted from 1 to 3 times with a substituent selected independently at each occurrence thereof from halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl, or C₁-C₄ alkoxy.
- 20
13. A method of claim 10, wherein R^4 is H.
14. A method of claim 1, wherein R^3 and R^4 are each H or wherein R^3 and R^4 are each halogen.
- 25
15. A method of claim 1, wherein one of R^3 and R^4 is H and the other is CH₃.
16. A method of claim 1, wherein R^5 , R^6 and R^7 are each H, halogen, -OR¹¹, -NR¹¹R¹², C₁-C₆ alkyl and substituted C₁-C₆ alkyl.
- 30
17. A method of claim 16, wherein R^5 , R^6 and R^7 are each H.

18. A method of claim 16, wherein one of R^5 or R^7 is F, Cl or Me and the other of R^5 or R^7 and R^6 are H, halogen, $-OR^{11}$, $-NR^{11}R^{12}$, or optionally substituted C_1 - C_6 alkyl.
19. A method of claim 18, wherein R^5 is F, Cl or Me; and R^7 is H.
20. The method of claim 18, wherein R^5 is F, Cl or Me; and R^6 is H.
21. A method of claim 1, wherein R^8 is halogen.
22. A method of claim 21, wherein R^8 is fluoro.
23. A method of claim 1, wherein:
- R^1 is C_1 - C_3 alkyl;
- R^2 is H, C_1 - C_4 alkyl or C_1 - C_6 haloalkyl;
- R^3 is C_1 - C_4 alkyl, C_3 - C_6 cycloalkyl or C_4 - C_7 cycloalkylalkyl, each of which is optionally substituted, or R^3 is $-O(\text{phenyl})$ or $-O(\text{benzyl})$, each of which is optionally substituted, or R^3 is H; R^4 is H, C_1 - C_4 alkyl, C_3 - C_6 cycloalkyl or C_4 - C_7 cycloalkylalkyl, each of which is optionally substituted with from 1 to 3 substituents selected independently at each occurrence thereof from C_1 - C_3 alkyl, halogen, aryl, $-CN$, $-OR^9$ and $-NR^9R^{10}$, or R^4 is $-NR^{11}R^{12}$, $-O(\text{phenyl})$ or $-O(\text{benzyl})$, wherein said $-O(\text{phenyl})$ or $-O(\text{benzyl})$, is optionally substituted from 1 to 3 times with a substituent selected independently at each occurrence thereof from halogen, cyano, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, or C_1 - C_4 alkoxy;
- or R^3 and R^4 are each halogen;
- R^5 , R^6 and R^7 are each H, halogen, $-OR^{11}$, $-NR^{11}R^{12}$, optionally substituted C_1 - C_6 alkyl, or one of R^5 and R^7 is Cl, F or Me and the other of R^5 and R^7 and R^6 is H, halogen, $-OR^{11}$, $-NR^{11}R^{12}$, C_1 - C_6 alkyl or substituted C_1 - C_6 alkyl.
24. A method of claim 23, wherein:

R¹ is CH₃;

R² is H or CH₃;

R³ is H, F, methyl, ethyl, propyl, isopropyl, -O(phenyl) or -O-CH₂-(phenyl), wherein said -O(phenyl) or -O-CH₂-(phenyl) is optionally substituted from 1 to 3 times with a
 5 substituent selected independently at each occurrence thereof from halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl, or C₁-C₄ alkoxy;

R⁴ is H, F methyl, ethyl, propyl, isopropyl, -O(phenyl) or -O-CH₂-(phenyl), wherein said -O(phenyl) or -O-CH₂-(phenyl) is optionally substituted from 1 to 3 times with a
 10 substituent selected independently at each occurrence thereof from halogen, cyano, C₁-C₄ alkyl, C₁-C₄ haloalkyl, or C₁-C₄ alkoxy;

R⁵, R⁶ and R⁷ are each H or R⁵ is F, Cl or Me, or one of R⁶ or R⁷ is H and the other of R⁶ and R⁷ is halogen, -OR¹¹, -NR¹¹R¹², or optionally substituted C₁-C₆ alkyl.
 15

25. A method of claim 23, wherein R⁸ is halogen.

26. A method according to claim 1, wherein the carbon atom designated * is in the R configuration.
 20

27. A method according to claim 1, wherein the carbon atom designated * is in the S configuration.

28. A method comprising a mixture of stereoisomeric compounds of claim 1
 25 wherein the carbon atom designated * is in the S or R configuration.

29. A method according to claim 1, wherein the compound is selected from the group:

30 2,7-dimethyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline;

4-(4-methoxy)phenyl-2,7-dimethyl-1,2,3,4-tetrahydroisoquinoline;

2,7-dimethyl-4-(4-fluoro)phenyl-1,2,3,4-tetrahydroisoquinoline;

2,7-dimethyl-4-(3-fluoro)phenyl-1,2,3,4-tetrahydroisoquinoline;

5 4-(3,4-difluoro)phenyl-2,7-dimethyl-1,2,3,4-tetrahydroisoquinoline;

2,7-dimethyl-4-(4-fluoro-3-methyl)phenyl-1,2,3,4-tetrahydroisoquinoline;

4-(3-chloro-4-fluoro)phenyl-2,7-dimethyl-1,2,3,4-tetrahydroisoquinoline;

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4-(3-chloro)phenyl-2,7-dimethyl-1,2,3,4-tetrahydroisoquinoline;

2,7-dimethyl-4-(4-methyl)phenyl-1,2,3,4-tetrahydroisoquinoline;

15 2,7-dimethyl-4-(3-fluoro-4-methyl)phenyl-1,2,3,4-tetrahydroisoquinoline;

4-(4-chloro)phenyl-2,7-dimethyl-1,2,3,4-tetrahydroisoquinoline;

4-(4-chloro-3-fluoro)phenyl-2,7-dimethyl-1,2,3,4-tetrahydroisoquinoline;

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4-(3,4-dichloro)phenyl-2,7-dimethyl-1,2,3,4-tetrahydroisoquinoline;

7-ethyl-2-methyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline;

25 4-(3,4-difluoro)phenyl-7-ethyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

7-fluoro-4-(4-methoxy)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

7-fluoro-4-(3-fluoro-4-methoxy)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

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7-fluoro-4-(3-fluoro-4-methyl)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

7-fluoro-4-(4-chloro-3-fluoro)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

- 4-(3,4-difluoro)phenyl-7-fluoro-2-methyl-1,2,3,4-tetrahydroisoquinoline;
- 4-(3-chloro)phenyl-7-fluoro-2-methyl-1,2,3,4-tetrahydroisoquinoline;
- 5 7-cyano-2-methyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline;
- 2-methyl-4-phenyl-7-trifluoromethyl-1,2,3,4-tetrahydroisoquinoline;
- 10 4-phenyl-1,2,7-trimethyl-1,2,3,4-tetrahydroisoquinoline;
- 4-(4-chloro)phenyl-1,2-dimethyl-1,2,3,4-tetrahydroisoquinoline;
- 4-(3,4-difluoro)phenyl-1,2-dimethyl-1,2,3,4-tetrahydroisoquinoline;
- 15 4-phenyl-2,7,8-trifluoromethyl-1,2,3,4-tetrahydroisoquinoline;
- 2,7-dimethyl-8-fluoro-4-phenyl-1,2,3,4-tetrahydroisoquinoline;
- 20 2,8-dimethyl-7-fluoro-4-phenyl-1,2,3,4-tetrahydroisoquinoline;
- 2,7-dimethyl-8-methoxy-4-phenyl-1,2,3,4-tetrahydroisoquinoline;
- 2,7-dimethyl-8-hydroxy-4-phenyl-1,2,3,4-tetrahydroisoquinoline;
- 25 2-methyl-4-phenyl-7-trifluoromethoxy-1,2,3,4-tetrahydroisoquinoline;
- 4-(3,4-difluoro)phenyl-7-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinoline;
- 30 4-(4-fluoro-3-methyl)phenyl-7-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinoline;
- 4-(3-fluoro-4-methyl)phenyl-7-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinoline;

7-methoxy-4-(3-methyl)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

2-methyl-7-phenoxy-4-phenyl-1,2,3,4-tetrahydroisoquinoline;

5 7-(4-methoxy)phenoxy-2-methyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline;

7-benzyloxy-2-methyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline;

7-hydroxy-2-methyl-4-(3-methyl)phenyl-1,2,3,4-tetrahydroisoquinoline;

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4-(3-fluoro-4-methyl)phenyl-7-hydroxy-2-methyl-1,2,3,4-tetrahydroisoquinoline;

4-(4-fluoro-3-methyl)phenyl-7-hydroxy-2-methyl-1,2,3,4-tetrahydroisoquinoline;

15 4-(3,4-difluoro)phenyl-7-hydroxy-2-methyl-1,2,3,4-tetrahydroisoquinoline;

4-(3-cyano)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

2,8-dimethyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline;

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2,8-dimethyl-4-(4-fluoro)phenyl-1,2,3,4-tetrahydroisoquinoline;

4-(3,4-difluoro)phenyl-2,8-dimethyl-1,2,3,4-tetrahydroisoquinoline;

25 4-(3,5-difluoro)phenyl-2,8-dimethyl-1,2,3,4-tetrahydroisoquinoline;

2,8-dimethyl-4-(3-fluoro)phenyl-1,2,3,4-tetrahydroisoquinoline;

2,8-dimethyl-4-(4-fluoro-3-methyl)phenyl-1,2,3,4-tetrahydroisoquinoline;

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4-(3-chloro-4-fluoro)phenyl-2,8-dimethyl-1,2,3,4-tetrahydroisoquinoline;

4-(3,4-dichloro)phenyl-2,8-dimethyl-1,2,3,4-tetrahydroisoquinoline;

- 4-(3-chloro)phenyl-2,8-dimethyl-1,2,3,4-tetrahydroisoquinoline;
- 4-(4-chloro)phenyl-2,8-dimethyl-1,2,3,4-tetrahydroisoquinoline;
- 5 4-(4-chloro-3-fluoro)phenyl-2,8-dimethyl-1,2,3,4-tetrahydroisoquinoline;
- 2,8-dimethyl-4-(4-methoxy)phenyl-1,2,3,4-tetrahydroisoquinoline;
- 10 4-(4-cyano)phenyl-2,8-dimethyl-1,2,3,4-tetrahydroisoquinoline;
- 2,8-dimethyl-4-(4-trifluoromethyl)phenyl-1,2,3,4-tetrahydroisoquinoline;
- 2,8-dimethyl-4-(4-methyl)phenyl-1,2,3,4-tetrahydroisoquinoline;
- 15 2-methyl-8-(N-methylamino)methyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline;
- 8-(hydroxy)methyl-2-methyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline;
- 20 2-methyl-4-phenyl-8-sulfonamide-1,2,3,4-tetrahydroisoquinoline;
- 2-methyl-8-(N-methyl)sulfonamide-4-phenyl-1,2,3,4-tetrahydroisoquinoline;
- 8-methoxy-2-methyl-4-(4-methyl)phenyl-1,2,3,4-tetrahydroisoquinoline;
- 25 4-(3,5-difluoro)phenyl-8-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinoline;
- 4-(3-chloro)phenyl-8-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinoline;
- 30 4-(3,4-dichloro)phenyl-8-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinoline;
- 4-(4-chloro-3-fluoro)phenyl-8-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinoline;

4-(3-chloro-4-fluoro)phenyl-8-methoxy-2-methyl-1, 2,3,4-tetrahydroisoquinoline;

4-(3,5-difluoro)phenyl-2-methyl-1,2,3,4- tetrahydroisoquinoline;

5 4-(3-chloro-5-fluoro)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

4-(3,5-difluoro)phenyl-2,7-dimethyl-1,2,3,4-tetrahydroisoquinoline;

4-(3-chloro-5-fluoro)phenyl-2,7-dimethyl-1,2,3,4-tetrahydroisoquinoline;

10

2-methyl-4-(3,4,5-trifluoro)phenyl-1,2,3,4-tetrahydroisoquinoline;

4-(3- fluoro)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

15 4-(3-fluoro-4-methyl)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

4-(4-fluoro-3-methyl)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

4-(3,4-difluoro)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

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4-(3-chloro)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

4-(4-chloro-3-fluoro)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

25 4-(3-chloro-4- fluoro)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

4-(3-cyano)phenyl-2-methyl-1,2,3,4-tetrahydroisoquinoline;

4-(4-acetanilide)-2-methyl-1,2,3,4-tetrahydroisoquinoline;

30

4-(4-chloro)phenyl-4-fluoro-2-methyl-1,2,3,4-tetrahydroisoquinoline;

(3,5-difluoro)-4-phenyl-1,2,7-trimethyl-1,2,3,4-tetrahydroisoquinoline;

(8-fluoro-2-methyl-4-phenyl-1,2,3,4-tetrahydro-7-isoquinoliny)-N-methylmethanamine;

- 5 (2-methyl-4-phenyl-7-isoquinoliny)-N-methylmethanamine;

N-methyl-(2-methyl-4-phenyl-7-isoquinoliny)-N-methylmethanamine;

8-hydroxy-2-methyl-4-phenyl-1,2,3,4-tetrahydro-7-isoquinolinecarbonitrile;

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(2-methyl-4-phenyl-1,2,3,4-tetrahydro-7-isoquinoliny)methanol; and

2-ethyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline; and

- 15 an oxide thereof, a pharmaceutically acceptable salt thereof, a solvate thereof, or prodrug thereof.